

tion develops a withered and light grain. As many as three worms were on one grain which he examined. The colour of the insect is a bright yellow, the intestinal canal distinctly visible through the transparent covering as a dark line. This has led some observers to the conclusion, that it was marked with a brown stripe, but this is not the case, the peristaltic motion of the canal being seen under the microscope. The variety of wheat known as "Mediterranean," growing in the same field, was free from the worm, which he attributed to its hardening sooner than the white wheat.

Judge Kane corroborated the statement of Mr. Justice, that the variety of wheat termed "Mediterranean," appears to be wholly or in a great measure exempt from the attacks of this insect.

The pending nominations were read.

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*Stated Meeting, October 4.*

Present, twelve members.

Dr. PATTERSON, President, in the Chair.

The following donations were announced:—

FOR THE LIBRARY.

Memoir on the Explosiveness of Nitre, with a view to elucidate its agency in the tremendous explosion of July, 1845, in New York.

By Robert Hare, M.D. (Smithsonian Contributions.) Washington, 1849. 4to.—*From the Author.*

The Plough, the Loom and the Anvil. Vol. III. No. 4. Oct. 1850. Philadelphia. 8vo.—*From the Editor, J. S. Skinner, Esq.*

The proceedings of the Trustees of the University at Nashville, Tennessee, on the announcement of the death of Dr. Troost, Professor of Chemistry, Geology and Mineralogy, in the University, were read.

Dr. Dunglison announced the death of Mr. Judah Dobson, of Philadelphia, a member of this Society, who died on 26th September last.

The pending nominations were read.